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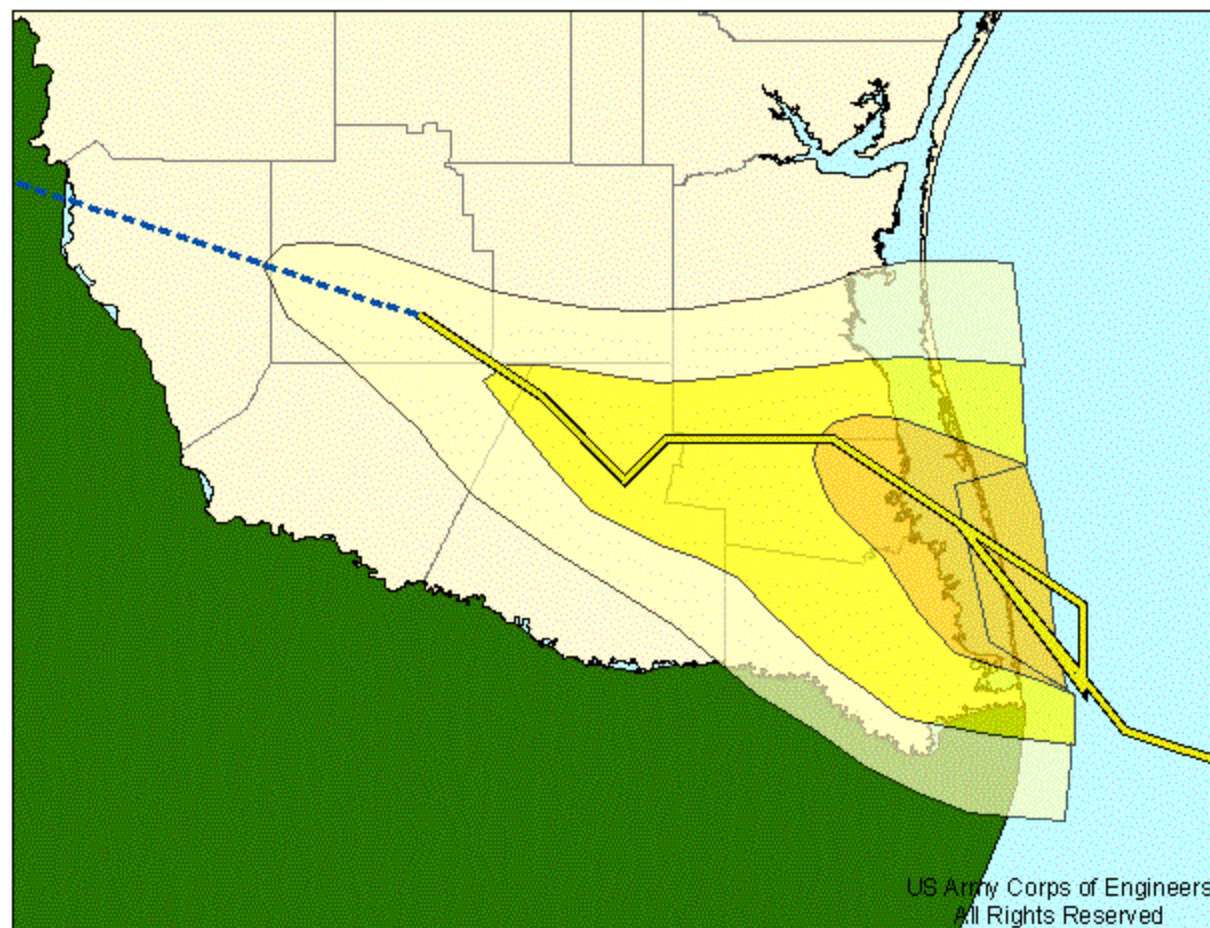
Hurricane dolly Projected Damage Areas

Landfall Plus About **16** Hours

**For Planning
Purposes Only!**

Post Landfall Projected Damage Areas

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.



Forecast Track

Historic Track

Projected Damage Areas

CAT 0-type damage

CAT 1-type damage

CAT 2-type damage

CAT 3-type damage

CAT 4-type damage

CAT 5-type damage

0 50 100 Miles

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Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane dolly Projected Damage Areas

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Siemsen, LRL 0630 EDT 07/24/2008

Sources:

HURREVAC
LRL-DEBRIS

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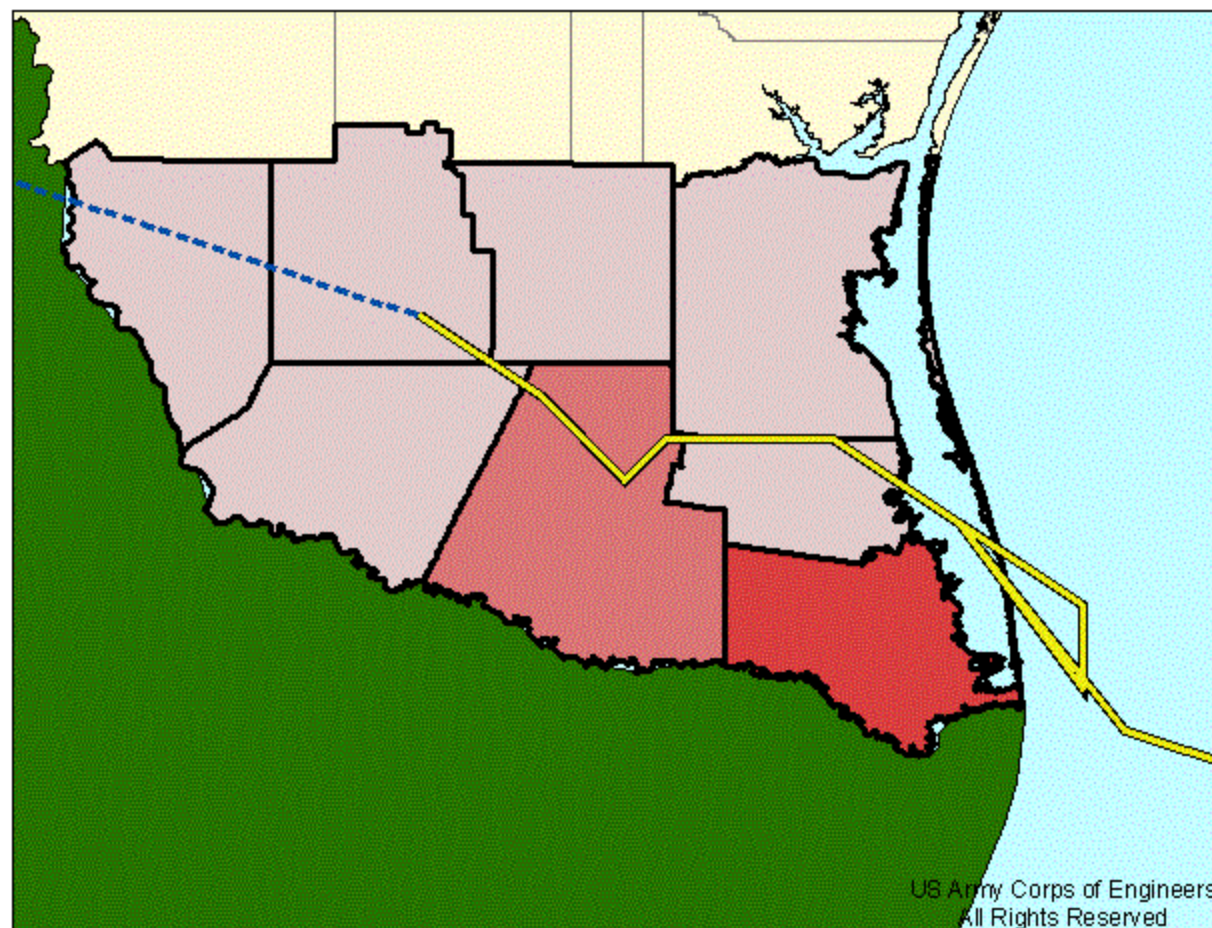


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Hurricane dolly Debris Model

Landfall Plus About **16** Hours

**For Planning
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0 50 100 Miles

Forecast Track

Historic Track

Debris

< 100,000 cubic yards

100,000 - 249,999 cubic yards

250,000 - 499,999 cubic yards

500,000 - 999,999 cubic yards

> 1,000,000 cubic yards

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Post Landfall Debris Model Results

Texas - 1,425,000 Yards

*Model results per County on
following page*

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Category 2 storm making landfall
near Brownsville, TX.

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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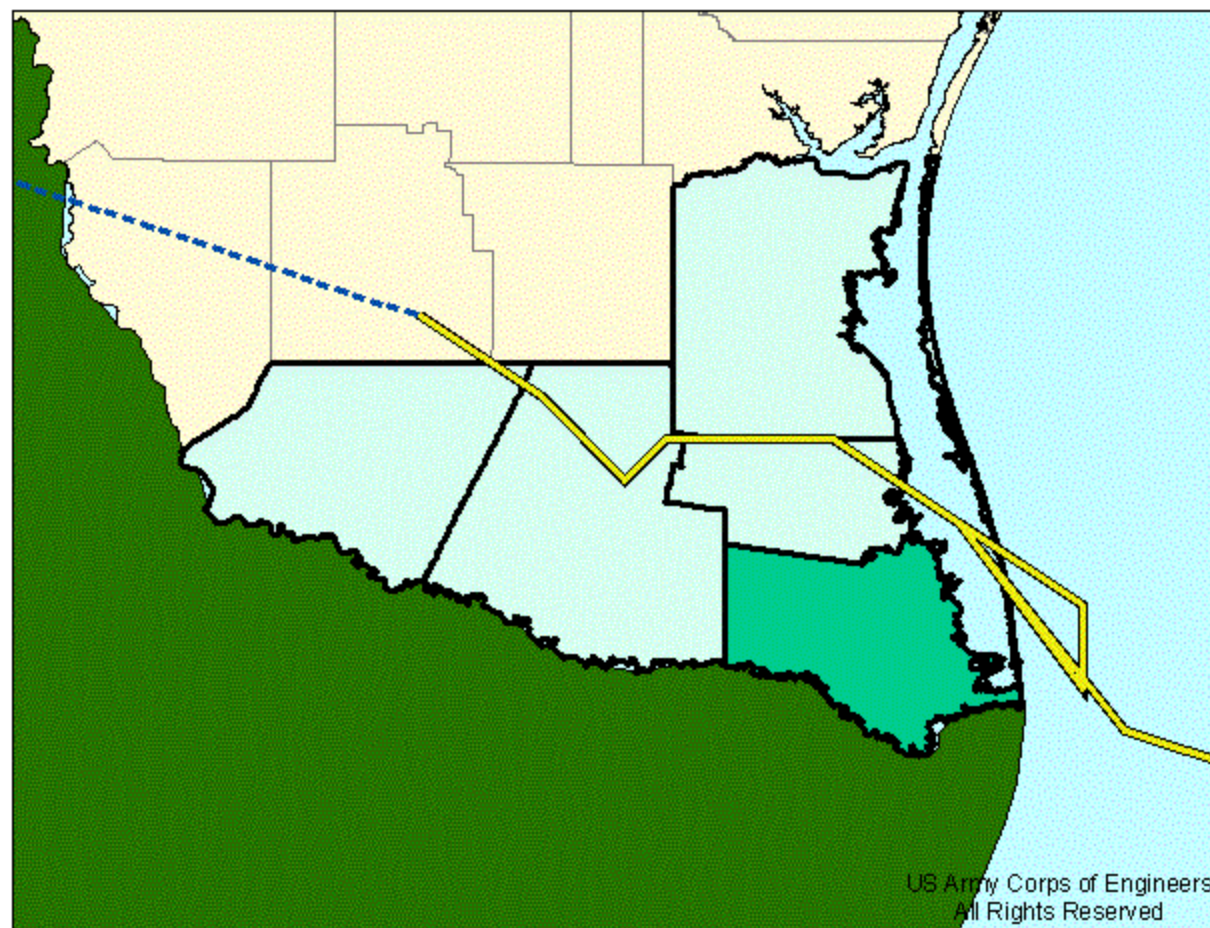


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Hurricane dolly Commodities Model

Landfall Plus About **16** Hours

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0 50 100 Miles



Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Post Landfall Water Model Results

Day One / Day Two / Day Three
Texas - 18 Truckloads

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

Forecast Track

Historic Track

Commodities

< 5 Trucks Each

5 - 10 Trucks Each

11 - 20 Trucks Each

21 - 40 Trucks Each

> 40 Trucks Each

Hurricane dolly Commodities Model

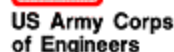
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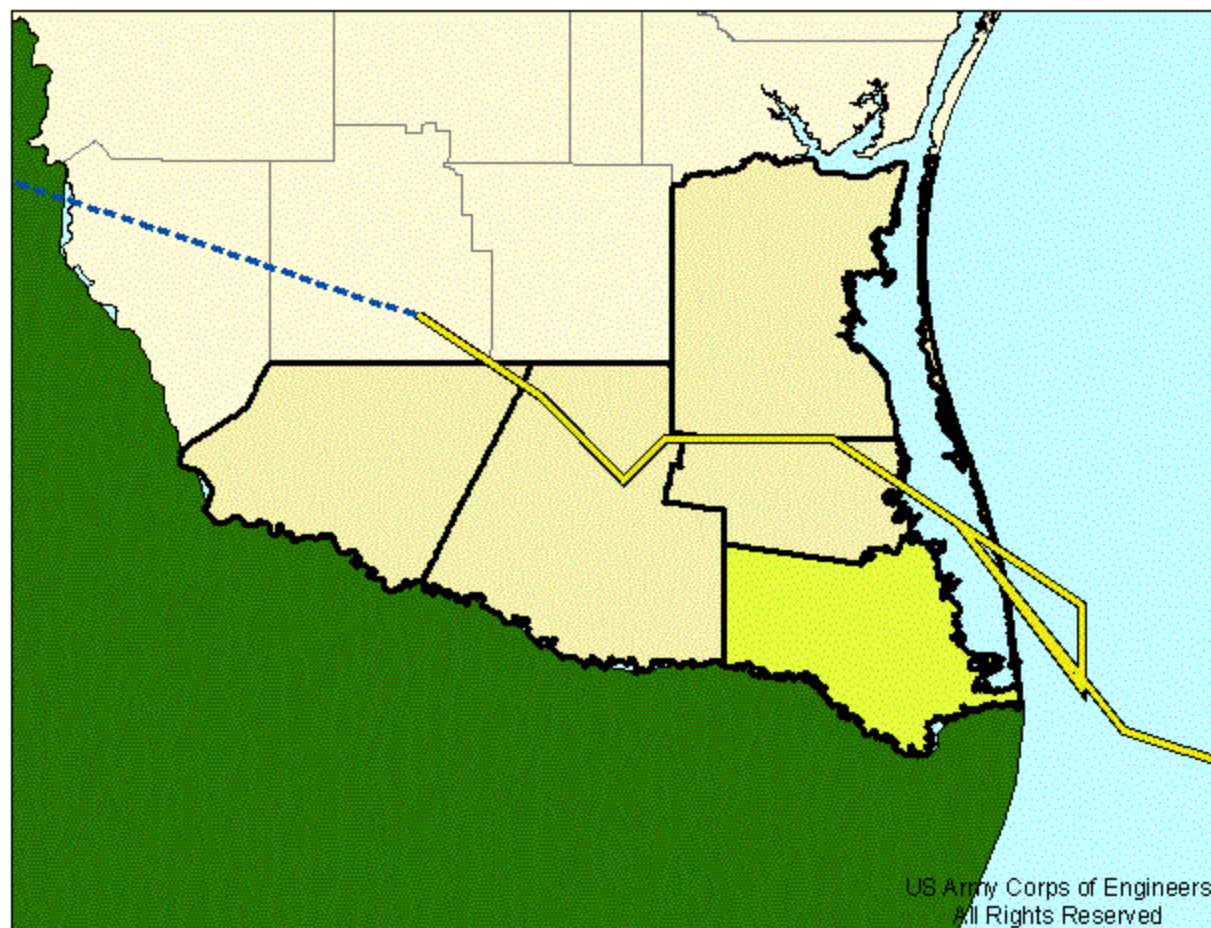


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Hurricane dolly Temporary Roofing Model

Landfall Plus About **16** Hours

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0 50 100 Miles

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Post Landfall Temporary Roofing Model Results

Texas - 3,200

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

Forecast Track

Historic Track

Temporary Roofing

< 2,000 units

2,000 - 3,999 units

4,000 - 5,999 units

6,000 - 9,999 units

> 10,000 units

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. Temporary roofing is based on 4% in CAT 1 and 8% in CAT 2.

Details about this model may be obtained at <http://www.englink.usace.army.mil>
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Hurricane dolly Roofing Model

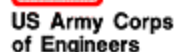
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Hurricane dolly
Roofing Model

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Sources:
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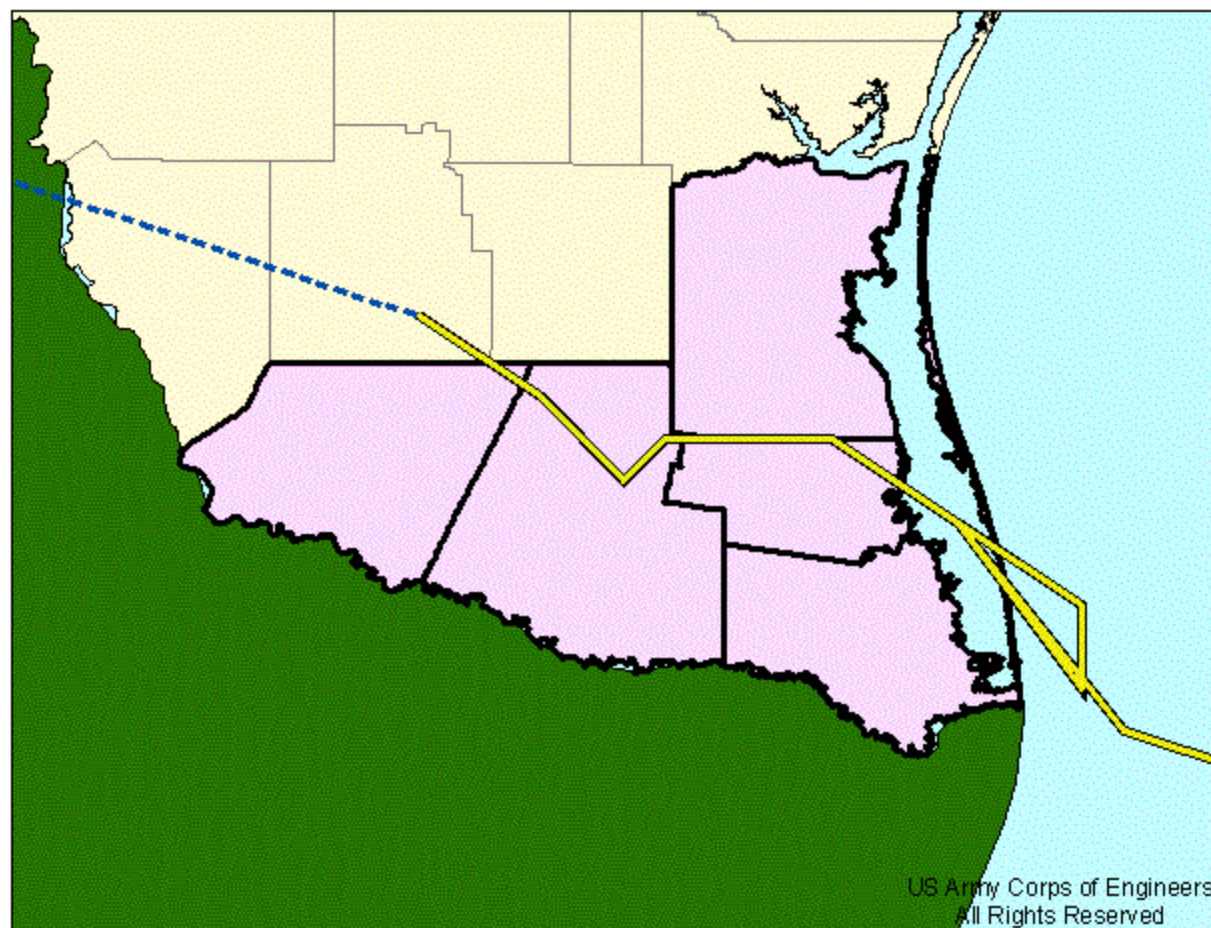


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Hurricane dolly Temporary Housing Model

Landfall Plus About **16** Hours

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0 50 100 Miles

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Post Landfall Temporary Housing Model Results

Texas - 700

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

Forecast Track

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. Temporary housing is based on 1% in CAT 1 and 2% in CAT 2.

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Hurricane dolly Housing Model

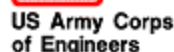
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Hurricane dolly
Housing Model

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Hurricane dolly Population Model

Landfall Plus About **16** Hours

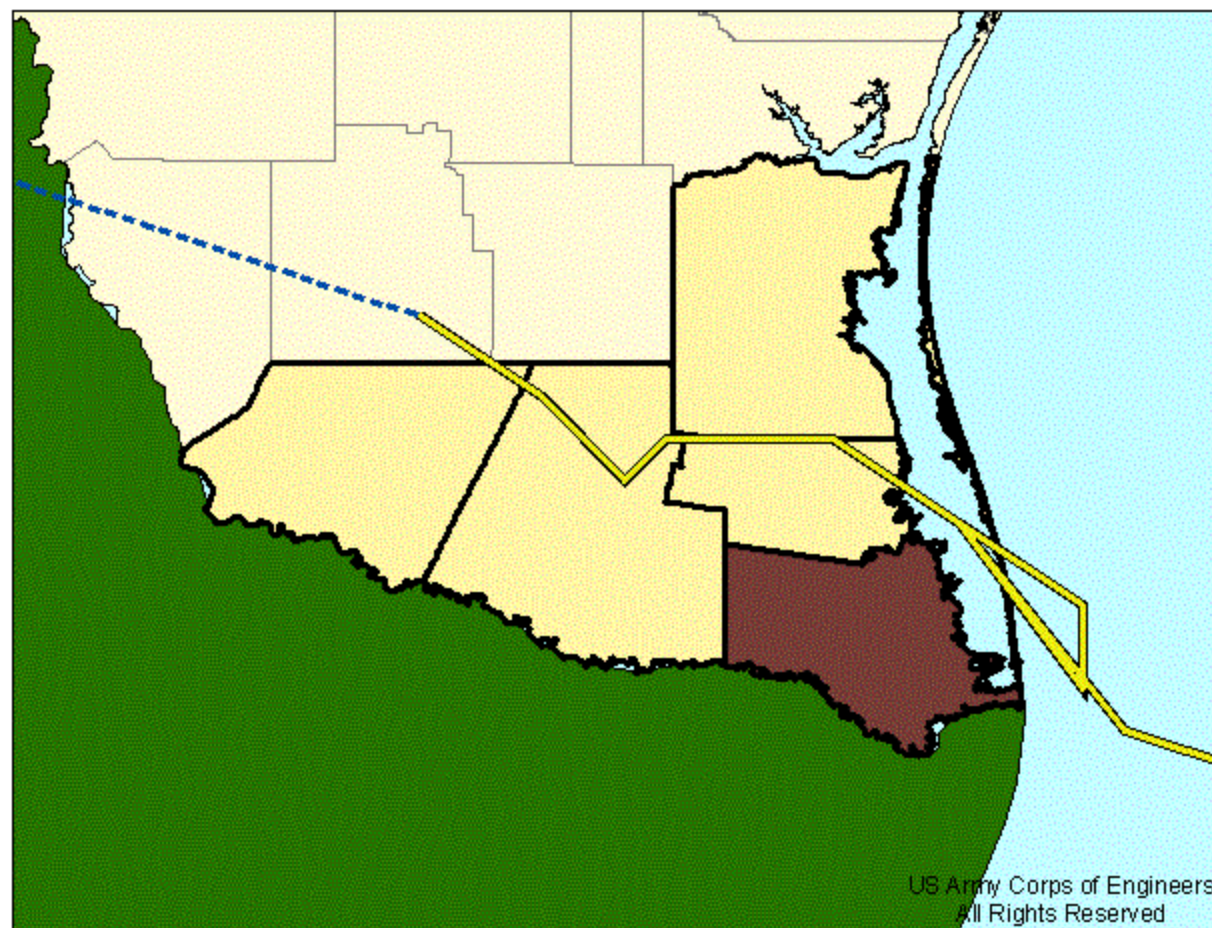
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Post Landfall Population Model Results

Texas - 235,000

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.



0 50 100 Miles

Forecast Track

Historic Track

Population

< 25,000 persons

25,000 - 99,999 persons

100,000 - 174,999 persons

175,000 - 249,999 persons

> 250,000 persons

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane dolly Population Model

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Sources:

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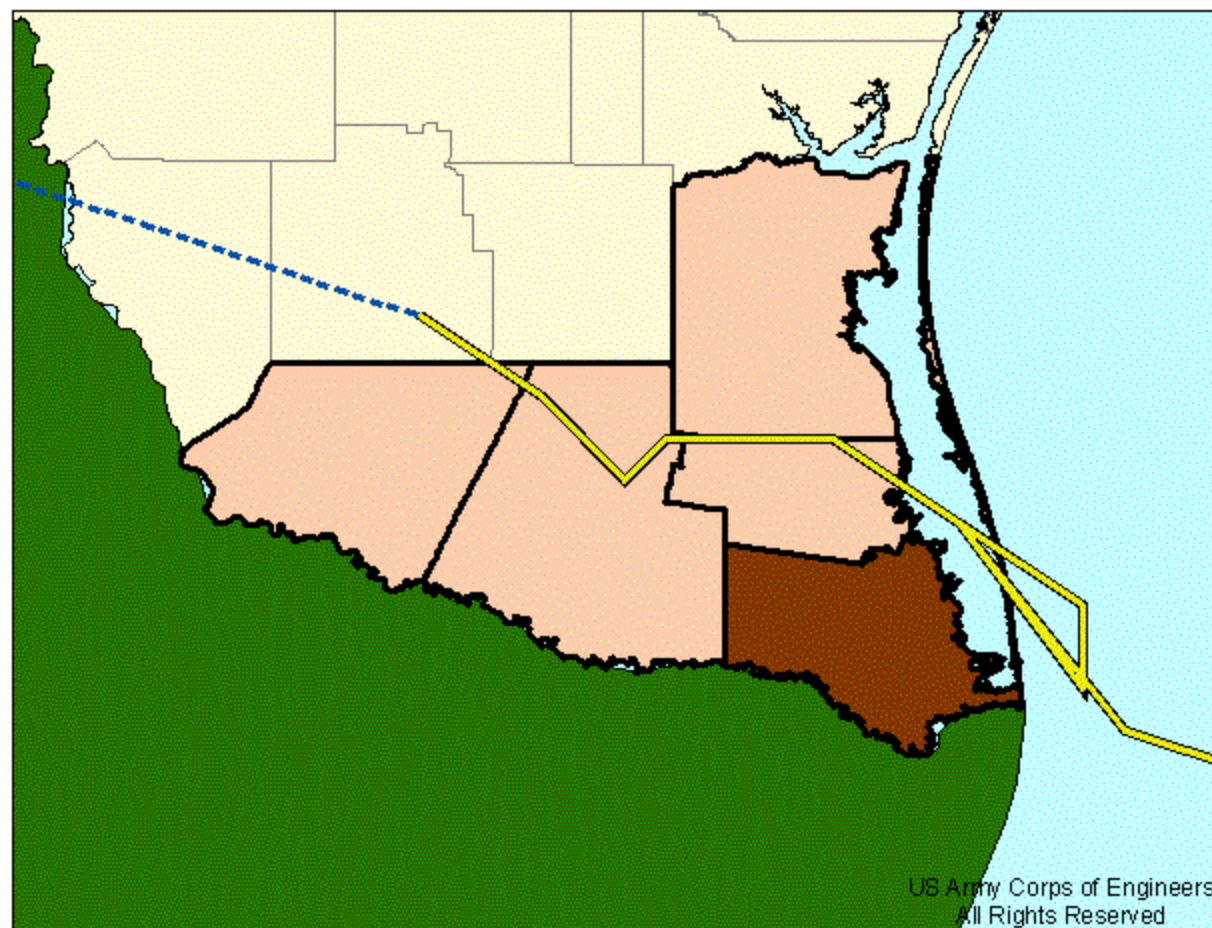


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Hurricane dolly Households Model

Landfall Plus About **16** Hours

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0 50 100 Miles

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Post Landfall Households Model Results

Texas - 70,000

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

Forecast Track

Historic Track

Households

< 7,500 households

7,500 - 14,999 households

15,000 - 24,999 households

25,000 - 49,999 households

> 50,000 households

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane dolly Households Model

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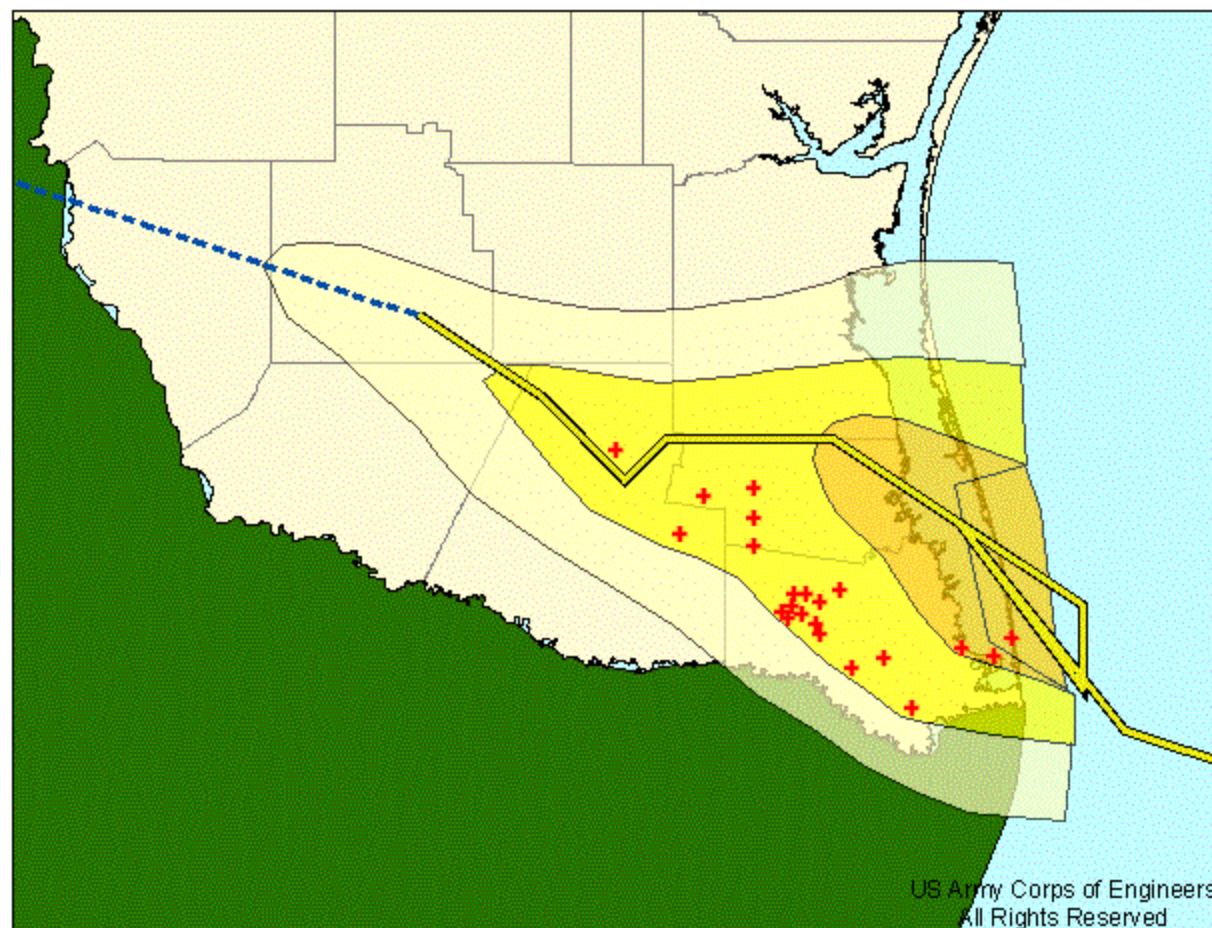


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Hurricane dolly Fire Stations

Landfall Plus About **16** Hours

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0 50 100 Miles

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Most Probable Landfall Fire Stations Inside Hurricane Force Winds

Texas - 22

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

- + Fire Stations
- Forecast Track
- Historic Track

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast.

The number of fire stations included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

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Hurricane dolly Fire Stations

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Sources:

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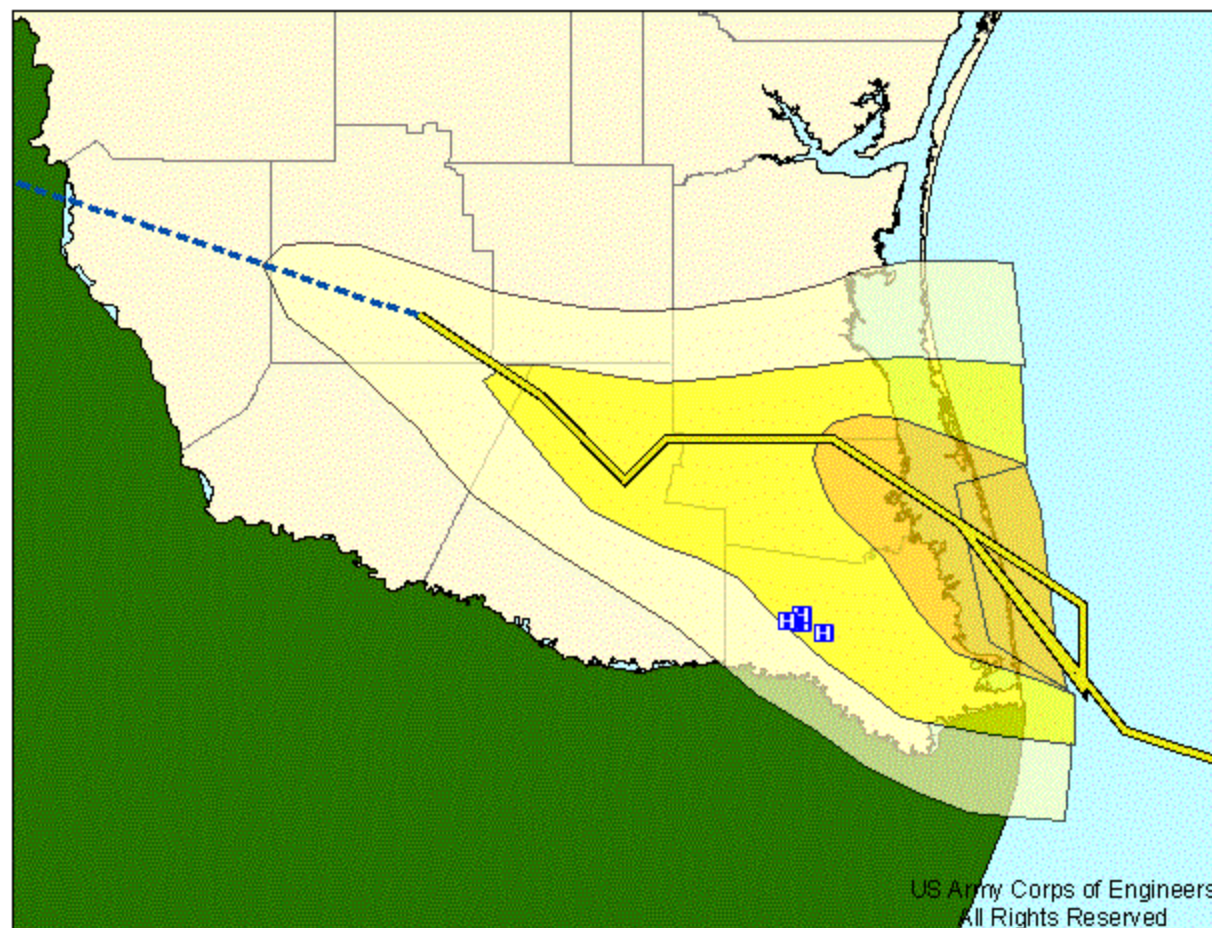


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Hurricane dolly Hospitals

Landfall Plus About 16 Hours

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0 50 100 Miles

Most Probable Landfall Hospitals Inside Hurricane Force Winds

Texas - 4

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

- Hospitals
- Forecast Track
- Historic Track

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast.

The number of hospitals included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

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Hurricane dolly Hospitals

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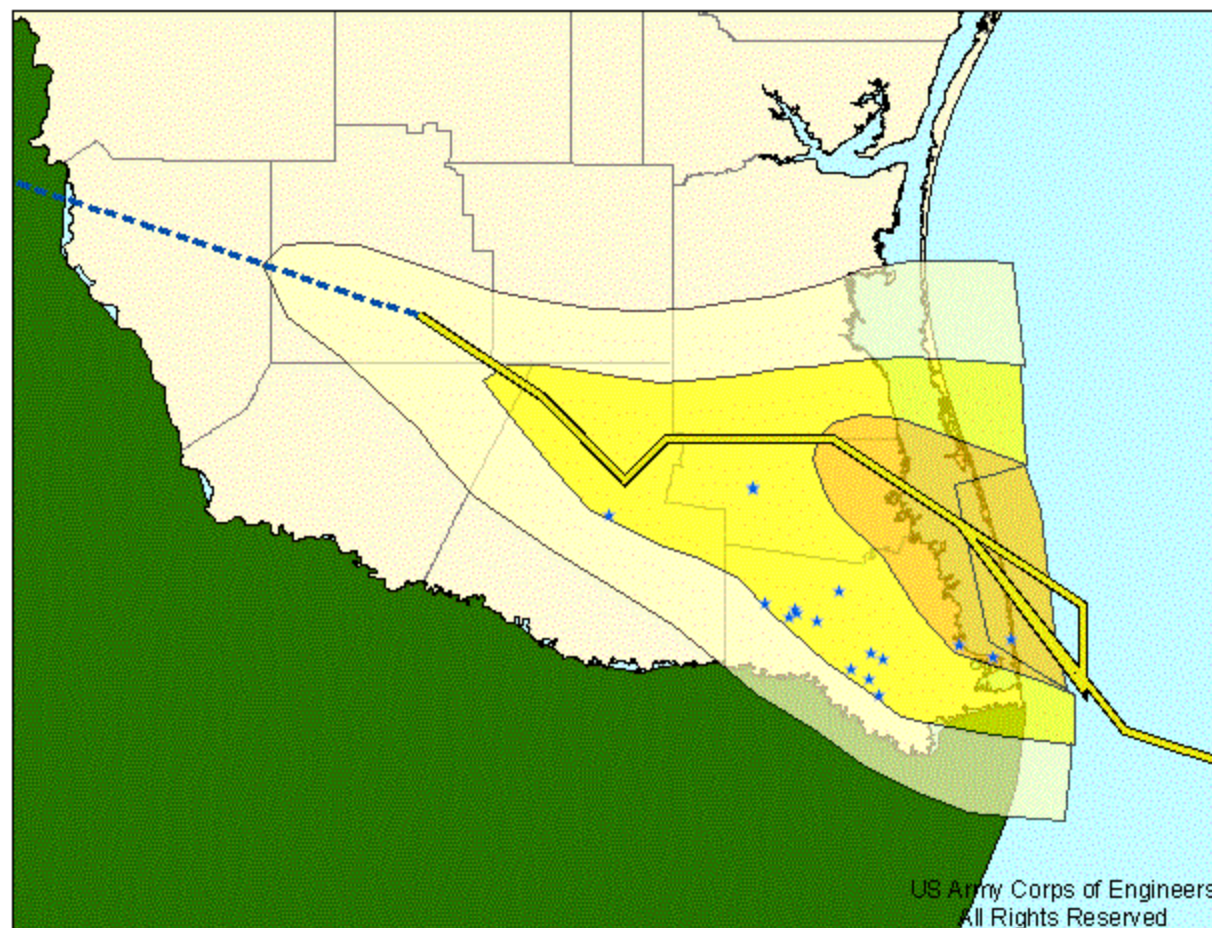


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Hurricane dolly Law Enforcement

Landfall Plus About **16** Hours

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0 50 100 Miles

Most Probable Landfall Law Enforcement Inside Hurricane Force Winds

Texas - 17

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

- ★ Law Enforcement
- Forecast Track
- Historic Track

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast.

The number of law enforcement included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

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Hurricane dolly Law Enforcement

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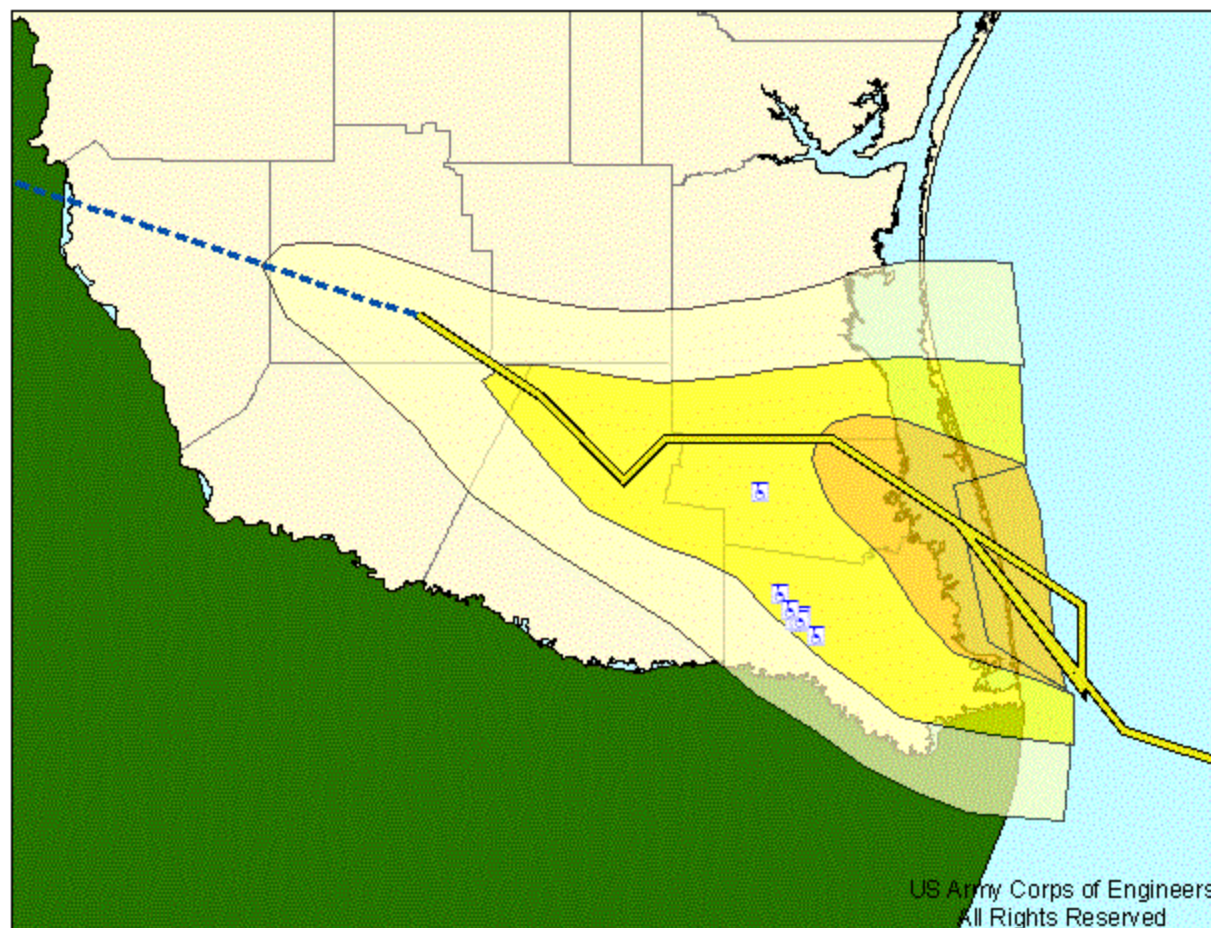


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Hurricane dolly Nursing Homes

Landfall Plus About **16** Hours

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0 50 100 Miles

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-  Nursing Homes
-  Forecast Track
-  Historic Track

Most Probable Landfall Nursing Homes Inside Hurricane Force Winds

Texas - 12

*Model results per County on
following page*

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Category 2 storm making landfall
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Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast.

The number of nursing homes included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

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Hurricane dolly Nursing Homes

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Sources:
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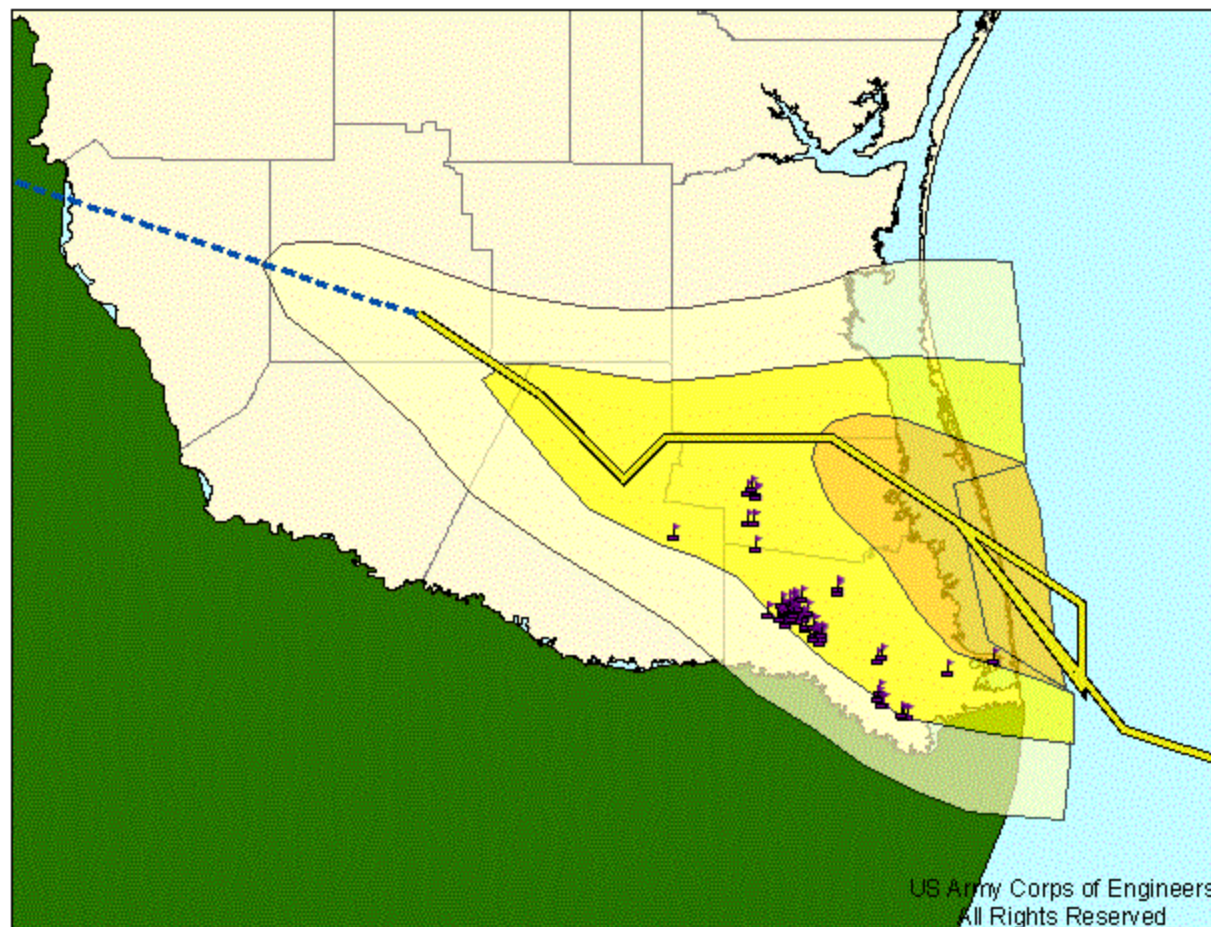


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Hurricane dolly Schools

Landfall Plus About 16 Hours

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0 50 100 Miles

Most Probable Landfall Schools Inside Hurricane Force Winds

Texas - 69

*Model results per County on
following page*

This model is based on a
Category 2 storm making landfall
near Brownsville, TX.

- Schools
- Forecast Track
- Historic Track

Information provided on this page displays a Category 2 storm making landfall near Brownsville, TX. These projections are based on information from the NHC (0500 EDT 07/24/2008) forecast. The number of schools included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

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Hurricane dolly Schools

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Sources:
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